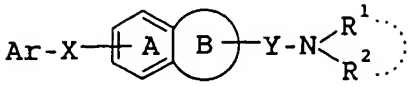
ABSTRACT

A compound of the formula:



wherein Ar is an aromatic ring assembly group which may be substituted or a fused aromatic group which may be substituted; X is (i) a bond, (ii) -S-, -SO- or $-SO_2-$, (iii) C_{1-6} alkylene, C_{2-6} alkenylene or C_{2-6} alkynylene, etc., (iv) -CO-O- or (v) $-(CH_2)p-X^1-$, $-(CH_2)p-X^1-(CH_2)q-$, $-(CH_2)r-CO-X^1-$, $-SO_2-NR^8-$ or $-(CH_2)r-SO_2-NR^8-$ wherein X^1 is O or NR^8, R^8 is H, a hydrocarbon group which may be substituted or an acyl, p is 0 to 5, q is 1 to 5, p+q is 1 to 5, and r is 1 to 4; Y is a divalent C_{1-6} aliphatic hydrocarbon group optionally containing O or S, which may be substituted; R^1 and R^2 each is H or a lower alkyl which may be substituted, or R^1 and R^2 form a N-containing heterocyclic ring which may be substituted; Ring A is a benzene ring which may be further substituted; and Ring B is a 4- to 8-membered ring which may be further substituted, or a salt thereof has the effect of inhibiting amyloid-β protein production and/or secretion and is useful as a pharmaceutical composition for preventing and/or treating the neurodegenerative disease, etc.